

Acceptance and Adherence to COVID-19 preventive measures are shaped predominantly by conspiracy beliefs, mistrust in science and fear - A comparison of more than 20 psychological variables

Supplemental material

Items measuring acceptance and adherence to the preventive measures

The 10 items were derived from the official recommendations of the World Health Organization and the Federal Office of Public Health in Switzerland during the time of the survey. Cronbach's alpha was high, both for acceptance, $\alpha = .92$, 95% CI [.91, .93], and adherence, $\alpha = .85$, 95% CI [.83, .87]. This confirms that, although the items tap into different facets of behaviour, these behaviours were associated with each other. An acceptable fit for the model with a single acceptance and adherence factor was further confirmed by a confirmatory factor analysis (CFA):

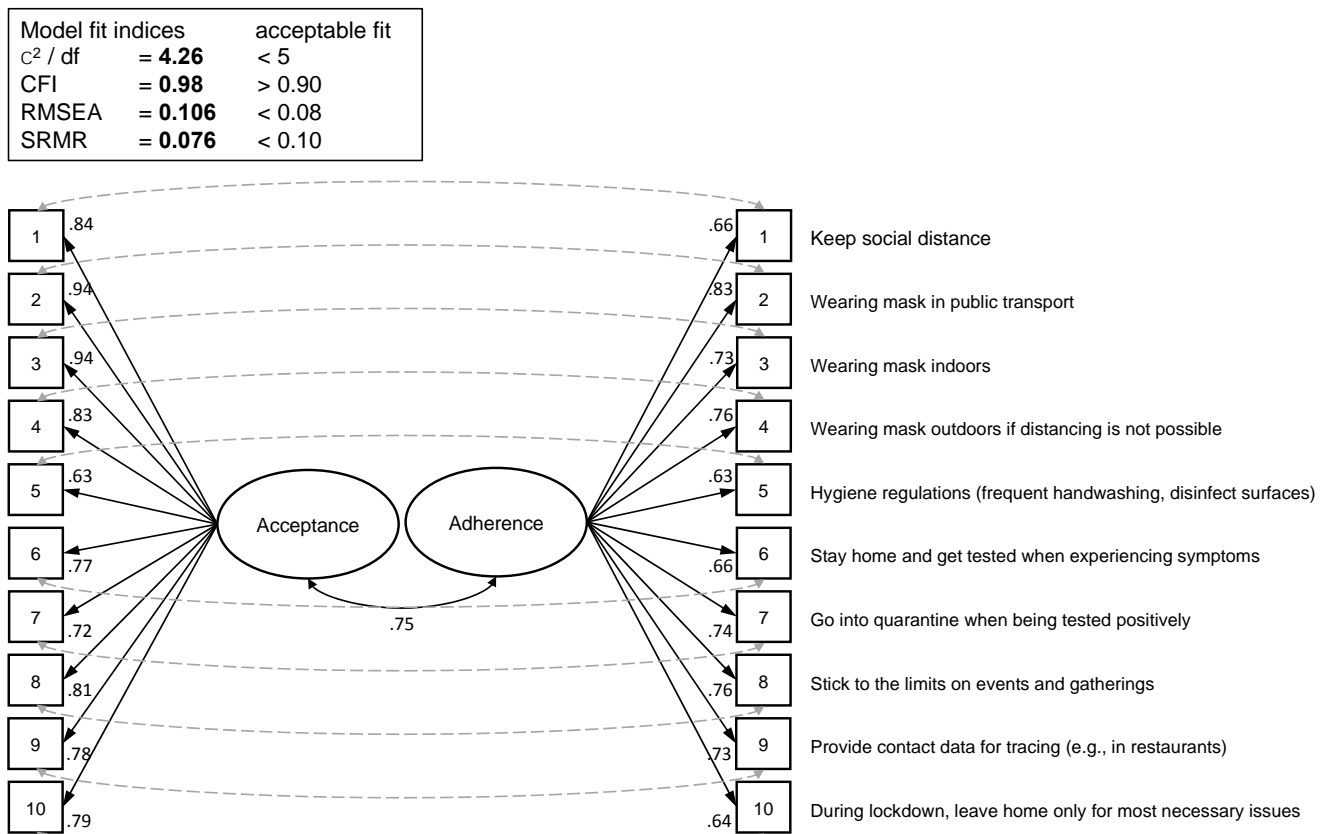


Figure 1S. CFA for the 10 items measuring acceptance and adherence to the COVID-19 preventive measures. Covariances were allowed for the same items. A robust diagonally weighted least squares estimator (WLSMV) was used that is recommended for the modelling of ordered data (Brown, 2006).

Brown, T. (2006). *Confirmatory factor analysis for applied research*. New York: Guildford